



# Excellence

## **Wilson Awarded 2011-2012 External Summer Research Fellowship for Pharmacoinformatics Research.**



**Gabriela Mustata Wilson, MSc, PhD**, Assistant Professor of Health Informatics, has been awarded a 2011 - 2012 External Grant Summer research Fellowship for study of the Feasibility of incorporating pharmacological, drug-target/drug-drug interaction knowledge into electronic medical records for clinical decision support.

The purpose of this project is to test the feasibility of incorporating pharmacological and drug-target/drug-drug interactions knowledge into electronic medical records to help identify drug side effects. This initiative aims at identifying the relationship between clinically reported side effects for three drugs, letrozole, anastrozole, and exemestane, used as first-line hormonal therapy for breast cancer treatment, and their chemical, pharmacological and pharmaceutical data, as well as the characteristics of their target, aromatase (i.e. sequence, structure, and pathway).